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Version with markings to show
changes made.

IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventor

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Patent App.

09/388,813

Filed

1 September 1999

For

METHOD AND APPARATUS FOR CURRENT MEASUREMENT
FOR ELECTRONICALLY-CONTROLLED PUMP

Art Unit

2858

Examiner: Nguyen, V

Hon. Commissioner of Patents
Washington, DC 20231



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2800 MAIL ROOM

SECOND AMENDMENT

In response to the Office Action (paper 10) mailed 23 April 2001, please amend the above-identified application as follows:

IN THE CLAIMS

Cancel Claims 1 to 11. Add new claims 13 to 23 as follows --

1 13. A method of determining a current draw of a pump
2 driven by an electric motor having a power line and a motor-control
3 circuit connected to said power line, said method comprising the
4 steps of:

5 (a) measuring a voltage drop across at least a portion of
6 *in the form of a wire segment*
7 a conductor having a definite resistance and connecting said power
8 line with said motor-control circuit; and
9 (b) calculating said current draw from said voltage drop.